

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

FORM APPROVED
OMB NO 1004-0137
Expires: February 28, 1995

5 LEASE DESIGNATION AND LEASE NO.
NMSF-078765

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7 UNIT AGREEMENT NAME

Rosa Unit

1a TYPE OF WELL ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b TYPE OF COMPLETION
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR ☐ OTHER

RECEIVED

NMMN- 38407A-MV

2 NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY

AUG 03 2009

8 FARM OR LEASE NAME, WELL NO

Rosa Unit #012D

3 ADDRESS AND TELEPHONE NO

P.O. Box 640, Aztec, NM 87410 (505) 634-4208

Bureau of Land Management
Farmington Field Office

9 API WELL NO

30-039-30699-0003

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At Surface: 1905' FNL & 595' FEL, sec 15, T31N, R6W

At top production interval reported below: 2494' FNL & 623' FEL, sec 15, T31N, R6W

At total depth: Same

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11 SEC, T, R, M, OR BLOCK AND
SURVEY OR AREA

Sec 15, T31N, R6W

15 DATE
SPUDDED
5-20-09

16 DATE T D
REACHED
6-1-09

17 DATE COMPLETED (READY TO PRODUCE)
7/29/09

14 PERMIT NO

DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6299' GR

12 COUNTY OR

Rio Arriba

13 STATE

New Mexico

20 TOTAL DEPTH, MD & TVD
8011' MD / 7945' TVD

21 PLUG, BACK T D, MD & TVD
8006' MD / 7940' TVD

22 IF MULTICOMP,
HOW MANY
3*

23 INTERVALS
DRILLED BY

19 ELEVATION CASINGHEAD

RCVD AUG 6 '09

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

BLANCO MESAVERDE: 5164' - 5921' MD

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector and CBL

25 WAS DIRECTIONAL SURVEY MADE

YES DIST. 3

27 WAS WELL CORED

No

28 CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10-3/4", J-55	40.5#	315'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3678'	9-7/8"	620 SX - SURFACE	
5-1/2", N-80	17.0#	8009'	6-3/4"	360 SX - 2920' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375", 4.7#, J-55 EUE 8rd	7950'	none

31 PERFORATION RECORD (Interval, size, and number)

CH/MEN: 5164' - 5626' Total of 47, 0.34" holes

PT/LQ: 5672' - 5921' Total of 45, 0.34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL
(MD)

AMOUNT AND KIND OF MATERIAL USED

5164' - 5626'

Frac with 5014# 20/40 mesh followed with 79,868# 20/40 BASF

5672' - 5921'

Frac with 3013# 20/40 BASF followed with 85,325# 20/40 BASF

33 PRODUCTION BASIN DAKOTA, BASIN MANCOS AND BLANCO MESAVERDE FORMATIONS COMMINGLED AND PRODUCING UNDER AUTHORIZATION DHC AZT-3193

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				SI - waiting on tie-in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
7/28/09	1 hr	3/8"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	0				1954 mcf/d		

34 DISPOSITION OF GAS (Solid, used for fuel, vented, etc) TO BE SOLD

TEST WITNESSED BY Weldon Higgins

35 LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Diether Riley

TITLE Regulatory Specialist

DATE 8/3/09

NMOCD

ACCEPTED FOR RECORD

AUG 04 2009

FARMINGTON FIELD OFFICE
BY T. Salinas

37 SUMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)					38 GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC		NAME	TOP		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
						PICTURED CLIFFS	3188'	3124'
						LEWIS	3491'	3425'
						CLIFFHOUSE	5384'	5318'
						MENEFEE	5426'	5360'
						POINT LOOKOUT	5671'	5605'
						MANCOS	6082'	6016'
						DAKOTA	7902'	7915'